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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/802,133 | 03/09/2001 | Naomi Go | 204258US6 | 6149 |

22850 7590 07/29/2004

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1940 DUKE STREET
ALEXANDRIA, VA 22314

EXAMINER

SONG, HOSUK

ART UNIT PAPER NUMBER

2135

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

SL

Office Action Summary

Application No.

09/802,133

Applicant(s)

GO ET AL.

Examiner

Hosuk Song

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5,9,10,14 and 18 is/are rejected.
- 7) ☒ Claim(s) 2-4,6-8,11-13,15-17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1,5,9,10,14,18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawamae et al(US 6,578,149) in view of Matsuzaki et al(US 6,058,476).

Claims 1,5,9: Kawamae discloses a first authentication means for authenticating a first information processing unit in (fig.1,#4,8). Kawamae discloses a second authentication for authenticating a second information processing unit or a third information processing unit in (fig.1,#5,9). Kawamae discloses a reception control means for controlling the reception of a request to send contents and data for identifying second information processing unit or data for identifying third information processing unit,request and data being supplied from first information processing unit in (fig.1 and col.4,lines 42-61). Kawamae disclose a communication control means for controlling if data for identifying second information unit are received in (fig.6). Kawamae disclose transmission of request to send content to second information processing unit, and if contents are received and data for identifying third information processing unit are received from second information processing unit in (fig.6,9). Kawamae disclose transmission of request to send contents to third information unit and the reception of contents from third information unit in a processing unit in a procedure corresponding to third information processing unit in (col.6,lines 40-63). Kawamae disclose a transmission control for controlling the transmission of contents to first information processing unit in (fig.1). Kawamae does not

specifically disclose key transmission to authentication unit. Matsuzaki disclose key transmission between authentication units in (col.8,lines 56). It would have been obvious to person of ordinary skill in the art at the time invention was made to employ key transmission as taught in Matsuzaki with authentication unit disclosed in Kawamae because key can be transmitted only to trust unit so that contents can only be accessed and authenticated by authorized unit thus securing overall system.

Claims 10,14,18: Kawamae disclose an authentication means for authenticating a first information providing unit in (fig.1). Kawamae disclose a transmission control means for controlling the transmission of any one of a request to send contents to first information providing unit and data unit for identifying a second information unit for providing contents , and data for identifying a third information providing unit for providing contents in (fig.1 and col.7,lines 21-43). Kawamae disclose a reception control means for controlling the reception of contents in (col.4,lines 55-66). Kawamae does not specifically disclose key transmission to authentication unit. Matsuzaki disclose key transmission between authentication units in (col.8,lines 56). It would have been obvious to person of ordinary skill in the art at the time invention was made to employ key transmission as taught in Matsuzaki with authentication unit disclosed in Kawamae because key can be transmitted only to trust unit so that contents can only be accessed and authenticated by authorized unit thus securing overall system.

Allowable Subject Matter

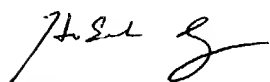
2. Claims 2-4,6-8,11-13,15-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hosuk Song whose telephone number is 703-305-0042. The examiner can normally be reached on Tue-Fri from 6:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 703-305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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